

CLAIMS OF THE INVENTION

WE CLAIM:

1. A system for interfacing a communication device with an accessory comprising:
 - a communication device comprising:
 - a memory configured to stored at least a portion of control data;
 - a processor configured to utilize control data to interface with an accessory;
 - a communication device interface configured to connect the communication device to the accessory to thereby receive at least a portion of control data from the accessory and store at least a portion of the control data in memory;
 - a communication device accessory comprising:
 - a memory configured to store control data;
 - a controller configured to interface with the memory;
 - an accessory interface configured to connect the accessory to the communication device and send at least a portion of the control data to the communication device.
2. The system of Claim 1, wherein the communication device comprises a wireless telephone.

10080467-022202

10080467-022202

3. The system of Claim 1, wherein the accessory comprises a speaker phone system for use in an automobile.
4. The system of Claim 1, wherein the control data comprises data that controls interaction between the communication device and the accessory.
5. A method for providing control data to an electronic device, the control data configured to control interaction between the electronic device and an accessory for the electronic device, the method comprising:
 - reading accessory control data identification data from the accessory;
 - comparing the accessory control data identification data to control data identification data stored on the electronic device;
 - reading one or more portions of the accessory control data from the accessory based on the comparison; and
 - storing the one or more portions of the accessory control data on the electronic device.
6. The method of Claim 5, further including deleting one or more portions of the accessory control data from

the electronic device prior to storing.

7. The method of Claim 5, wherein the electronic device comprises a wireless telephone.
8. The method of Claim 5, wherein the accessory comprises a speaker phone.
9. The method of Claim 5, wherein the comparing determines if the accessory control data is stored on the electronic device and the reading one or more portions of the accessory control data and storing one or more portions of the accessory control data only occur if the comparing determines that the accessory control data identification data does not match control data identification data stored on the electronic device.
10. A method for storing data that aids operation of an accessory when connected to a communication device, the method comprising:
 - providing a memory in an accessory;
 - storing data in the memory, the data configured to aid operation of the accessory when connected to a communication device;
 - storing data version ID in the memory, the data

10080467.022202

version ID configured to be read by a communication device and provide identification information regarding the data.

11. The method of Claim 10, further including providing access to the memory over a two conductor bus.
12. The method of Claim 10, wherein providing a memory comprises providing flash memory in the accessory.
13. The method of Claim 10, wherein the data version ID uniquely identifies the data.
14. The method of Claim 10, wherein the accessory comprises a cellular telephone and the accessory comprises a hands-free system.
15. A communication device accessory comprising:
 - a memory configured to store control data, the control data comprising data configured to facilitate operation of the accessory;
 - a memory interface configured to access the memory; and
 - a bus connected to the memory interface, the bus configured to carry control data from the memory to a communication device.

20220729 10080467 022202

16. A communication device accessory of Claim 15, wherein the memory comprises non-volatile memory.
17. A communication device accessory of Claim 15, wherein the communication device accessory comprises a speaker phone.
18. A communication device accessory of Claim 15, wherein the bus comprises two conductors.
19. A communication device accessory of Claim 15, further including a register configured to communicate over the bus.
20. A system for providing control data to a communication device:
 - means for storing control data located in an accessory, the control data identified by a control data identifier;
 - means for accessing the control data stored in the means for storing;
 - means for providing the control data and the control data identifier to a communication device;
 - means for comparing the control data identifier to one or more other control data identifiers stored on

the communication device; and

means for transferring the control data located on the accessory to the communication device.

21. A system for providing control data to a communication device comprising:

an accessory configured to operate in conjunction with the communication device;

an accessory memory configured to store control data, the control data configured to aid interface between the communication device and the accessory;

a bus connected to the accessory and configured to carry at least a portion of the control data from the accessory memory;

a processor, located in the communication device, configured to receive at least a portion of the control data over the bus; and

a communication device memory, in communication with the processor, configured to store the control data received over the bus for use by the communication device.

22. The system of Claim 21, wherein the bus comprises a two conductor bus.

23. The system of Claim 21, further including a controller

located in the accessory, the controller configured to
interface the bus and the accessory memory.

10080457, 022202